

**AMENDMENTS TO THE SPECIFICATION:**

Kindly insert after the title the following heading:

**CROSS-REFERENCE TO RELATED APPLICATIONS**

Kindly insert at page 1, after the first paragraph, the following heading:

**BACKGROUND**

**1. Field of the Invention**

Kindly insert at page 1, after the second paragraph, the following heading:

**2. Description of the Related Art**

At page 1, after "Description of Related Art", kindly insert the following amended paragraph:

Conventional grinding or polishing machines, in particular grinding machines, have an array of sieve segments mounted to an articulated axis at a peripheral end, while the second peripheral end can ~~be~~ pivoted around this axis in such a way as to project more or less into the space filled by the cereals to be processed.

The purpose of this is to provide an elevated resistance for the cereals entrained by the rotor toward the free end of the sieve segment through inward adjustment, thereby producing friction between the rotor and cereals, or between the cereals.

Kindly insert between the third and fourth paragraphs, the following heading:

#### SUMMARY

Kindly insert at page 3, before the last paragraph,

#### BRIEF DESCRIPTION OF THE DRAWINGS

Kindly insert at page 4, line 9, the following heading:

#### DETAILED DESCRIPTION

At page 4, line 10, kindly insert the following amended paragraph:

A vertical grinder 1 has a drive motor 2 for a grinding rotor 4. The overdrive is realized by means of several toothed belts 3. Situated around the grinding rotor 4 is a perforated basket ~~[[4]]~~ 5 which is connected to an extractor 6 for the ground bran particles. The grinding rotor 4 exhibits conventional grinding tools and longitudinal air through openings in the axial direction. The grinding rotor 4 is mounted in a main bearing 7.